

Reference U

L11 ANSWER 1016 OF 4129 HCAPLUS COPYRIGHT 2009 ACS on STN
ACCESSION NUMBER: 1984:406176 HCAPLUS
DOCUMENT NUMBER: 101:6176
ORIGINAL REFERENCE NO.: 101:1063a,1066a
TITLE: Studies on amines and ammonium compounds. CLXXIV.
Bromination of unsaturated compounds with complexes
formed between bromine and
1,4-bis(trialkylammonium)-2-butene dihalides
AUTHOR(S): Gyul'nazaryan, A. Kh.; Khachatryan, N. G.; Saakyan, T.
CORPORATE SOURCE: Inst. Org. Khim., Yerevan, USSR
SOURCE: Armyanskii Khimicheskii Zhurnal (1984),
37(1), 29-33
CODEN: AYKZAN; ISSN: 0515-9628
DOCUMENT TYPE: Journal
LANGUAGE: Russian
OTHER SOURCE(S): CASREACT 101:6176
AB Unsatd. hydrocarbons, esters, BuOCH:CH₂ and CH₂:CHCH₂R (R = Br, OH) were
brominated by Me₃N+CH₂CH:CHCH₂N+Me₃·Br₃ X- (I; X = Cl, Br) in
≥85% yield. Thus, reaction of 1-heptene with I (X = Br) at
40–50° for 2 h gave 98.1% 1,2-dibromoheptane.
IT 78400-99-4
RL: RCT (Reactant); RACT (Reactant or reagent)
(bromination by, of unsatd. organic compds.)
RN 78400-99-4 HCAPLUS
CN 2-Butene-1,4-diaminium, N,N,N,N',N'-hexamethyl-, bromide (tribromide)
(9CI) (CA INDEX NAME)
CM 1
CRN 78400-98-3
CMF C10 H24 N2



CM 2

CRN 14522-80-6
CMF Br₃

